

Claims as amended under Article 19 of the PCT

1. A purified single-stranded DNA comprising any of the nucleotide sequences listed under SEQ ID NO 1 - 7837.
2. A purified single-stranded DNA complementary to a DNA according to Claim 1.
3. A purified double-stranded DNA consisting of a DNA according to Claim 1 and a DNA according to Claim 2.
4. A purified single-stranded DNA comprising a portion of any of the nucleotide sequences listed under SEQ ID NO 1 - 7837 and hybridizing specifically to a particular site of human genomic DNA, human cDNA or human mRNA.
5. A purified single-stranded DNA complementary to a DNA according to Claim 4.
6. A purified double-stranded DNA consisting of a DNA according to Claim 4 and a DNA according to Claim 5.
7. A purified single-stranded DNA complementary to a human mRNA containing any of the nucleotide sequences listed under SEQ ID NO 1 - 7837 (wherein T is read as U) at its 3' region.
8. A purified single-stranded DNA complementary to a DNA according to Claim 7.
9. A purified double-stranded DNA consisting of a DNA according to Claim 7 and a DNA according to Claim 8.
10. A purified single-stranded DNA complementary to a portion of a human mRNA containing any of the nucleotide sequences listed under SEQ ID NO 1 - 7837 (wherein T is read as U) at its 3' region.

*Amended*

11. A purified ~~single-stranded~~ DNA complementary to a DNA according to Claim 10.

12. A purified double-stranded DNA consisting of a DNA according to Claim 10 and a DNA according to Claim 11.

13. A DNA probe consisting of a DNA according to Claim 1.

14. A DNA probe consisting of a DNA according to Claim 2.

15. A DNA probe consisting of a DNA according to Claim 4.

16. A DNA probe consisting of a DNA according to Claim 5.

17. A DNA probe consisting of a DNA according to Claim 7.

18. A DNA probe consisting of a DNA according to Claim 8.

19. A DNA probe consisting of a DNA according to Claim 10.

20. A DNA probe consisting of a DNA according to Claim 11.

21. A DNA primer consisting of a DNA according to Claim 1.

22. A DNA primer consisting of a DNA according to Claim 2.

23. A DNA primer consisting of a DNA according to Claim 4.

24. A DNA primer consisting of a DNA according to Claim 5.

25. A DNA primer consisting of a DNA according to Claim 7.

26. A DNA primer consisting of a DNA according to Claim 8.

27. A DNA primer consisting of a DNA according to Claim 10.

28. A DNA primer consisting of a DNA according to Claim 11.

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